



Product Information

Product ID S0044
CAS No. 18559-94-9
Chemical Name α 1-[[[(1,1-Dimethylethyl)amino]methyl]-4-hydroxy- 1,3-benzenedimethanol

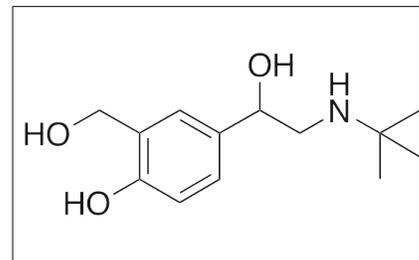
Synonym Albuterol, Salbutamol

Formula C₁₃H₂₁NO₃
Formula Wt. 239.31
Melting Point 151 °C ° r 157-158 °C
Purity ≥98%
Solubility Soluble in most organic solvents.

Store Temp Ambient

Ship Temp Ambient

Description Salbutamol is a short-acting agonist at β 2-adrenergic receptors that is clinically used to treat asthma and chronic obstructive pulmonary disorder (COPD). Salbutamol exhibits bronchodilatory, anti-asthma, tocolytic, antioxidative, and anti-inflammatory activities. In vivo, salbutamol decreases carrageenan-induced inflammation and nociception, suppresses activity of myeloperoxidase, and increases activity of superoxide dismutase and levels of glutathione.



Bulk quantities available upon request

Product ID	Size
S0044	25 mg
S0044	50 mg
S0044	100 mg
S0044	500 mg

References Matsumoto K, Aizawa H, Fukuyama S, et al. Low-dose salbutamol suppresses airway responsiveness to histamine but not methacholine in subjects with asthma. *Respir Investig.* 2013 Sep;51(3):158-65. PMID: 23978642.

Uzkeser H, Cadirci E, Halici Z, et al. Anti-inflammatory and antinociceptive effects of salbutamol on acute and chronic models of inflammation in rats: involvement of an antioxidant mechanism. *Mediators Inflamm.* 2012;2012:438912. PMID: 22665951.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.